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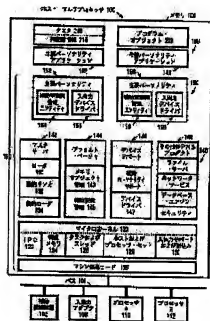
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(57)Abstract:

PROBLEM TO BE SOLVED: To improve efficiency at the time of starting a micro-kernel operating system.

SOLUTION: A master server program loader is designed to facilitate the loading of multiple various programs in memory of a micro-kernel system and a shared library. A master server 142 has three components which are a loader 190, a dynamic linker 192 and a dynamic loader 194. The loader 190 loads an executable program into a target task before starting. The dynamic linker 192 links a shared library object to the target task before starting. The dynamic loader 194 loads the shared library object when a program is executed. A program loading method starts off with the following operations. The loader 190 loads a target program to the target task and transfers the control to the linker 192. Next, the linker 192 links the shared library object to the target task and transfer the control to the server 142. Thereafter, the server 142 transfers the control to the target program and finishes the method.



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